

SN 10/614,772
Docket No. S-100,626
In Response to Office Action dated September 20, 2005

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A rotor for use in turbine applications comprising:

a radial compressor/pump having ~~radially disposed spaced apart~~ fins forming passages; and,

a radial turbine having hollow turbine blades interleaved with said fins and through which fluid from said radial compressor/pump flows.

Claim 2 (original): The rotor as described in Claim 1 further comprising spaced apart turbine fins for receiving said fluid.

Claim 3 (canceled)

Claim 4 (previously presented): A turbine engine comprising:

a turbine engine housing; and,

a single rotor mounted to a shaft inside said turbine engine housing, said rotor having a radial compressor/pump with axially disposed spaced apart fins forming passages, and an radial turbine having hollow radial turbine blades interleaved with said fins and through which air from said radial compressor/pump flows.

Claim 5 (previously presented): The turbine engine of claim 4, additionally comprising:

magnets and windings positioned on said turbine engine between said turbine engine housing and said single rotor for the production of electrical power.